

AMENDMENTS TO THE CLAIMS:

Listing of Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

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1. (Currently Amended) A method in a machine [(20)] for producing or finishing/converting paper/board or pulp, the method [comprising] comprising:

[-] monitoring and storing properties of various components of the machine [(20)]

[-] monitoring and storing [the] changes taking place in the properties and/or [the] ambient conditions and the changes taking place in [them] said properties and/or ambient conditions

[-] transmitting [this] the stored [data] changes to [the] a control unit [(10)] of the machine [(20)] and/or to a separate data processing system [(4)],

(i) arranging in [the] a component [(1)], a memory unit [(2)] which accompanies the component [(1)] when the component [(1)] is a functional part of the machine [(20)], in which memory unit [(2)] [can be written and which can be read electrically, by magnetisation or optically] is electrically or optically read and written by magnetization;

(ii) storing in the memory unit at least those properties [(A)] of the component [(1)] which effect on [the] a control values of the machine [(20)], said storing taking place in connection with [the] a manufacture or servicing of the component [(1)] in question before the component [(1)] is taken for installation into the [paper/board or pulp or finishing/converting] machine [(20)], or taken to be stored for later use as a functional part of the machine [(20)];

(iii) transmitting the [data] stored changes in the memory unit [(2)] to the control unit [(10)] of the [paper/board or pulp or finishing/converting] machine [(20)] and/or [the] a separate data processing system [(4)] which is used for serving data to the control unit [(10)].

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2. (Currently Amended) A method as claimed in claim 1, wherein between the control unit [(10)] and the separate data processing system [(4)] are arranged data transmission means [(11 a, 11 b)] for transmitting data from the data processing system [(4)] to the control unit [(10)] and from the control unit [(10)] to the data processing system [(4)].

3. (Currently Amended) A method as claimed in claim 1, wherein the component [(1)] comprises at least one sensor [(6, 7, 8)] observing [the] a state of the component [(1)] and/or its ambient conditions, which sensor is connected to the memory unit [(2)], and the data [(B)] obtained from which concerning changes in the component [(1)] and/or its ambient conditions are stored in the memory unit [(2)] in the component [(1)] in question.

4. (Currently Amended) A method as claimed in claim 1, wherein in the memory unit [(2)] is continuously stored an amount of data [(B)] corresponding to a certain time interval which is obtained in an essentially uninterrupted manner from at least one observing sensor [(6, 7, 8)].

5. (Currently Amended) A device for monitoring and storing the properties of various components [(1)] of a paper/board or pulp and finishing/converting machine [(20)] and [the] changes taking place in [them] said properties and/or the ambient

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conditions and the changes taking place in [them] said properties and/or ambient conditions, and for transmitting [this data] said changes to [the] control unit [(10)] of the paper/board or pulp or finishing/converting machine [(20)] and/or to a separate data processing system [(4)], comprising a component [(1)], which is a functional part of the machine [(20)], is arranged a memory unit [(2)] accompanying it, in which can be written and which can be read electrically, by magnetisation or optically, in which memory unit [can be] are able to be stored at least those properties [(A)] of the component[(1)] which effect on [the] control values of the paper/board or pulp or finishing/converting machine [(20)] in connection with [the] a manufacture or servicing of the component [(1)] in question before the component [(1)] is taken for installation into the paper/board or pulp or finishing/converting machine [(20)], or taken to be stored for later use as a functional part of the machine [(20)], and that data transmission means [(9b, 3b)] have been arranged for transmitting the data stored in the memory unit [(2)] to the control unit [(10)] of the paper/board or pulp or finishing/converting machine [(20)] and/or the separate data processing system [(4)] which is used for serving data to the control unit [(10)].

6. (Currently Amended) A device as claimed in claim 5, wherein between the control unit [(10)] and the separate data processing system [(4)] have been arranged data transmission means [(11 a, 11 b)] by means of which data [can be] is able to be transmitted from the data processing system [(4)] to the control unit [(10)] and from the control unit [(10)] to the data processing system [(4)].

7. (Currently Amended) A device as claimed in claim 5, wherein in the [.] component [(1)] has been arranged at least one sensor [(6, 7, 8)] observing [the] a state of the component [(1)] and/or [and/or] its ambient conditions, which sensor is connected to the memory unit [(2)], and the data [(B)] obtained from which concerning changes in the component [(1)] and/or its ambient conditions has been arranged to be stored in the memory unit [(2)] in the component [(1)] in question.

8. (Currently Amended) A device as claimed in claim 5, wherein in the component [(1)] is a roll and [the] information to be stored in the memory unit [(2)] which accompanies the roll concerns at least one of the following: diameter of the roll, weight of the roll, deflection of [the] a mantle of the roll, [the] a composition of [the] a surface material of the mantle of the roll, surface roughness of the roll, hours of operation of the roll and operations carried out during the servicing of the roll.

9. (Currently Amended) A device as claimed in claim 5, wherein in the memory unit [(2)] can be continuously stored an amount of data [(B)], corresponding to a certain time interval, which is obtained in an essentially uninterrupted manner from at least one observing sensor [(6, 7, 8)].